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नई विल्सनी, शनिवार, अप्रैल 11, 1981 (चंद्र 21, 1903)

No. 15]

NEW DELHI, SATURDAY, APRIL 11, 1981 (CHAITRA 21, 1903)

इस भाग में मिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अस्त्र संकलन के क्षय में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 11th April 1981

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,

CALCUTTA-17

The dates shown in crescent brackets are the dates claimed
under Section 135 of the Act.

5th March 1981

239/Cal/81. Barr & Stroud Limited. Afocal refractor telescopes. (March 5, 1980).

240/Cal/81. Airwick AG. Device intended for dispensing insecticide vapours.

6th March 1981

241/Cal/81. Sumitomo Chemical Company, Limited. Process for producing monoalkali salt of 1-amino-8-naphthol-3, 5-disulfonic acid.

242/Cal/81. Mitsui Toatsu Chemicals, Incorporated and Toyo Engineering Corporation. Method of stripping unreacted materials in urea synthesis process.

243/Cal/81. Sinter Limited. Method and apparatus for the thermal treatment of impregnated material webs.

244/Cal/81. Beheermaatschappij H. D. Groeneveld B. V. A fire-proof wall.

1—17GI/81

7th March 1981

245/Cal/81. C. P. Nazir. Prestressed concrete mill.

246/Cal/81. Westinghouse Electric Corporation. Electron irradiation of high level transistors.

247/Cal/81. E. I. Du Pont De Nemours and Company. Stabilization of water-bearing explosives having a thickened continuous aqueous phase.

248/Cal/81. Trutzschler GmbH & Co. KG. A device for supporting bales.

249/Cal/81. The Fertilizer (Planning & Development) India Limited. A reactor for use in the manufacture of guanidine nitrate from a mixture of urea and ammonium nitrate.

9th March 1981

250/Cal/81. P. Legueu. Light armoured reconnaissance and patrol vehicle.

251/Cal/81. Cassella Aktiengesellschaft. A process for the production of alkylended lamines. [Divisional date May 10, 1978].

252/Cal/81. S. Das. Machine for making puffed rice.

253/Cal/81. Beloit Corporation. Combined size press and breaker stack and method.

254/Cal/81. Furma Manufacturing Co. Pty. Ltd. Sequential unit feeding apparatus.

255/Cal/81. Sperry Corporation. Power transmission.

10th March 1981

256/Cal/81. **Gewerkschaft Eisenhütte Westfalia.** Method and apparatus for working the columns in a chamber-and-column structure.

257/Cal/81. **Siemens Aktiengesellschaft.** Surge arrester.

258/Cal/81. **Sperry Corporation.** Hydraulic steering system for full-track vehicles.

259/Cal/81. **Stauffer Chemical Company.** Certain 1-3, 5-dichlorobenzoyl-3-phenyl pyrazolines and their use as mildewicides.

260/Cal/81. **Hercofina.** Transesterification of dmt process residue.

261/Cal/81. **Tractel Tirfor India Private Limited.** A method and device for separating impurities from compost.

11th March 1981

262/Cal/81. **S. Damm.** Steering device for many-axled goose-neck trailers.

263/Cal/81. **Sumitomo Metal Industries, Ltd.** Variable crown roll.

264/Cal/81. **J. Berger and J. Berger.** Parallel thread supply.

265/Cal/81. **Combustion Engineering, Inc.** Electronic controller of hydraulic pressure for journal loading of bowl mill.

266/Cal/81. **Coc-Luxembourg S. A.** Process for the production of silicon-containing and carbon-containing raw material mouldings, and the use of such mouldings.

267/Cal/81. **Sperry Corporation.** Power transmission.

268/Cal/81. **American Cyanamid Company.** Process for alumina recovery.

269/Cal/81. **American Cyanamid Company.** Process for preparing melamine.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, TODI ESTATES, (3RD FLOOR), LOWER PAREL (WEST), BOMBAY-400 013.

16-2-1981

48/BOM/81. **Subhash Ramkrishna Rathi.** Puncture proof tyres for vehicles.

49/BOM/81. **Shyam Sunder Bhoot.** Improvements in or relating to air coolers.

17-2-1981

50/BOM/81. **Manohar Sharma.** Multi filaments and multi watts bulb.

51/BOM/81. **Shantilal Keshavlal Sanghani.** A trailer for cycle conventional or motorised.

19-2-81

52/BOM/81. **Sadanand Prabhakar Kotwal.** Method of encapsulation of electronic components in particular capacitors.

20-2-81

53/BOM/81. **Tata Engineering and Locomotive Company Limited.** A worm and nut type pneumatic hoist suspender for operating a load.

54/BOM/81. **JPM Enterprises Private Limited.** An emergency warning system for installation on locomotives.

21-2-1981

55/BOM/81. **Indian Institute of Technology.** Design of down jet combustor for burning high ash solid fuel.

24-2-1981

56/BOM/81. **Neela Vinayak Rashinkar.** System for winding/unwinding a tape on/from cable.

57/BOM/81. **Ali Hyderali Haideri.** Biting tool for strapping PLIERS.

25-2-1981

58/BOM/81. **Omprakash Notandas Gureja.** Magnification of the image obtained from a TV screen on to a large portable screen on a wall.

27-2-1981

59/BOM/81. **The Dharamsi Morarji Chemical Company Limited.** A process for manufacture of phosphoric Acid and cement grade gypsum.

28-2-1981

60/BOM/81. **N. K. Goyle.** An improved helmet.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

23rd February 1981

34/Mas/81. **Lucas Industries Ltd.** Improvements relating to sliding caliper disc brakes (February 26, 1980).

35/Mas/81. **Lucas Industries Ltd.** Servo boosters for vehicle braking systems (February 23, 1980).

36/Mas/81. **J. John.** Surface tension valve.

37/Mas/81. **J. John.** Fuel saver system.

27th February 1981

38/Mas/81. **DR. R. Balasubramanian.** Common script for all languages.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 157D.b.

Int. CL-E01b 27/00.

148584.

A DEVICE FOR REMOVING RAIL CLIPS FROM A RAILWAY RAIL AND FASTENING ASSEMBLY.

Applicant : PANDROL LIMITED, OF 9, HOLBORN, LONDON EC1N 2NE, ENGLAND.

Inventor : GEORGE JAMES GIBBS.

Application No. 119/Cal/77 filed January 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A device suitable for use in removing a clip from an assembly of the character defined, the device including an elongate part having pivotally connected to it, near one end of it, a member for engaging said structure, a wedge and a clip-engaging part, the device being such that when it is appropriately positioned with said member engaging said structure and said elongate part extending upwardly from the pivotal connection between said elongate part and said member, turning of said elongate part about the axis, which is horizontal, of said pivotal connection results in the wedge moving underneath said other end of the bar and raising it so that it is wholly higher than the top of the stop projection, whereupon said clip-engaging part moves the clip in the direction opposite to that in which it was driven into position.

Comp. Specn. 20 Pages.

Drgs. 4 Sheets.

CLASS 107G & H.

148585.

Int. Cl.-H01m 17/00, 19/00.

MULTI-HOLE INJECTION NOZZLE.

Applicant : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, WEST GERMANY.

Inventor : HUBERT KEICZEK.

Application No. 235/Cal/78 filed March 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A multi-hole injection nozzle for air-compressing, direct-injection internal combustion engines, in particular internal combustion engines employing the method of wall deposition of the fuel comprising essentially a nozzle body and two nozzle needles held by springs in positions where the nozzle holes in the nozzle body are closed with the springs being designed so that initially while a low fuel pressure exists one nozzle needle opens whereas the second nozzle needle is lifted off its seat only at an increased fuel pressure, characterized in that one nozzle needle (9) is formed as a hollow needle and in that the second needle (13) is axially slideable in its axial bore (7) and in that the hollow needle (9) is capable of closing one or a plurality of nozzle holes (25) situated at a distance from the tip (26) of the injection nozzle and in that the second nozzle needle (13) is capable of closing one or a plurality of nozzle holes (27) situated close to the tip (26) and having different cross sectional areas.

Comp. Specn. 19 Pages.

Drg. 5 Sheets.

CLASS 127D.

148586.

Int. Cl.-B23q 5/00.

IMPROVEMENTS RELATING TO MACHINES FOR GENERATING MOTION.

Applicant & Inventor : BERNARD GOLD, OF "EVEREST", 54 ASHLEY LANE, HENDON, LONDON NW4 1PL, ENGLAND.

Application No. 275/Cal/77 filed February 24, 1977.

Convention date February 25 1976/(07458/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A machine for generating motion comprising a mutually rotatable co-axial assembly of an internally toothed outer member, a generally cylindrical intermediate core and an externally toothed inner member; an even number of circumferentially evenly spaced toothed gate elements rotatably carried by said core at alternately opposite axial ends, these gate elements meshing with said members; closure means at each axial end of said assembly to seal off the space between inner and outer members and each to sealingly co-operate with one end face of the respective one or group of said gate elements; two arrays of pistons respectively axially slideable along the teeth of the inner and outer members and which co-operate with the inner and outer faces of the core; guide

means on said core faces determining paths for both arrays of pistons that direct them with a close sliding fit between the other end faces of the gate elements and the closure means remote therefrom, said space thus being divided by said pistons and said gate elements into double said number of similar mutually separate chambers of generally curved triangular shape; and means providing fluid passages to and from said chambers.

Comp. Specn. 10 Pages.

Drg. 9 Sheets.

CLASS 14-d.

148587.

Int. Cl.-H01m 17/00, 19/00

GALVANIC PRIMARY CELL.

Applicant : VARTA BATTERIE AKTIENGESELLSCHAFT, OF AM LEINEUFER 51, 3000 HANNOVER 21, WEST GERMANY.

Inventor : WERNER RIEDL.

Application No. 638/ Cal/ 77 filed April 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A galvanic primary cell comprising a cylindrical container and a sealing element of synthetic resin material sealing an open end of the container, the said end of the container being formed with an inwardly-directed curved flange having an arcuate extent in a vertical plane in the range from 140° to 190° and the curved flange contacting the underside of the sealing element to effect a seal with a surface of the sealing element which is curved at a radius corresponding to the curvature of the flange, the sealing contact between the curved surfaces of the flange and sealing element being made over an arcuate extent in the said plane in the range from 50° to 100°, and the sealing element being retained on the container by self-locking engagement of the end of the curved flange with a shoulder provided on the sealing element.

Comp. Specn. 14 Pages.

Drg. 1 Sheet.

CLASS 127C.

148588.

Int. Cl.-B25b 25/00.

BELT TENSIONING DEVICE FOR A VULCANIZING PRESS.

Applicant : WEAN UNITED, INC., OF 948 FORT DUGUESNE BOULEVARD, PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventor : OSCAR LEWIS YAEGER.

Application No. 701/Cal/77 filed May 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An apparatus for tensioning a belt in a multiplatens vulcanizing press located at one side of an adjacent to said press, including a frame having an opening for receiving a strand of said belt when extending from between the press platens, said frame being mounted for pivotal movement toward and away from said press for tensioning the strand in said press upon a pivotal movement away from said press and for untensioning the strand in said press upon a pivotal movement towards said press, and an actuator for pivotally moving said frame.

Comp. Specn. 11 Pages.

Drg. 1 Sheet.

CLASS 143D.

148589.

Int. Cl.-B65b 19/22.

DEVICE FOR FOLDING SHEET MATERIAL, PARTICULARLY PRESHAPED OR PUNCHED PIECES OF CARDBOARD OR THE LIKE FOR FEEDING TO A MACHINE FOR PACKAGING CIGARETTES INTO HINGED LID PACKETS.

Applicant : G. D. SOCIETA PER AZIONI, OF VIA PIMPONIA 10, 40133 BOLOGNA, ITALY,

Inventor : ENZO SERAGNOLI.

Application No. 642/Cal/77 filed April 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A device for folding pieces of sheet material, particularly preshaped or punched pieces of cardboard or the like for feeding to an intermittent machine for packaging cigarettes into hinged lid packets, said device comprising a support and slide surface a long which said pieces can be advanced; folding means arranged to co-operate in succession with each said piece to fold a peripheral portion thereof extending outwards from a predetermined folding line; a folding member comprising a fixed plate co-planar with said surface and extending therefrom; and abutment means arranged to co-operate with an end of each of said pieces lying opposite said peripheral portion to bring said folding line into a position coinciding with a free edge of said fixed plate; said folding means being disposed facing said free edge and comprising a rod substantially perpendicular to said free edge and comprising a rod substantially perpendicular to said free edge, means operable to move a blank engaging end portion of said rod between a rest position outside and above said free edge and a working position under said fixed plate, and fixing means for fixing each said piece against said fixed plate during the folding of the respective peripheral portion.

Comp. Specn. 9 Pages.

Drg. 4 Sheets.

CLASS 64A.

148590.

Int. Cl.-H01h 85/00.

A FUSE SOCKET.

Applicant : LINDNER GMBH FABRIK ELEKTRISCHER LAMPEN UND APPARATE, OF LICHTENHAIDESTER, 15, 86 BAMBERG, WEST GERMANY.

Inventor : HANS-JOACHIM LINDNER.

Application No. 836/Cal/77 filed June 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A fuse socket comprising a casing containing a holding device for releasably holding a fusible element adjacent one end thereof, means for holding the holding device captive in the casing, a first electrical contact connected to the holding means, a second electrical contact disposed to be contacted by the other end of the fusible element, a switch disposed to interrupt the electrical supply through the second contact, and a locking device adapted to act on the mechanism of the switch to lock the switch in its off position when the holding device with the fusible element are not inserted fully into the holding means or the fusible element is not present.

Comp. Specn. 8 Pages

Drg. 1 Sheet.

CLASS 172B

148591.

Int. Cl.-D01h 9/16.

THREAD PARTING DEVICE FOR TEXTILE MACHINES.

Applicant : SCHWEITER ENGINEERING WORKS LTD. OF HORGEN, SWITZERLAND.

Inventor : ULRICH ZEHNDER.

Application No. 891/Cal/77 filed June 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A thread parting device for textile machines, comprising : a fixed separating member, comprising two mutually parallel thread guide plates spaced from each other; a cutting edge containing cutting body movable toward said fixed separating member and operable by means of said textile machine, comprising a U-shaped thread tensioning bow having two clamp-

ing shanks which during the course of a cutting motion of said device are slideable against the outer surfaces of said thread guide plates with a predetermined contact pressure in order to tension a thread guided crosswise over the thread guide plates, and a blade so arranged on said cutting member between and parallel to said clamping shanks that in the direction of the cutting motion its cutting edge lies behind said clamping edges of said spring clamping shank.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

CLASS 163B^a & D.

148592.

Int. Cl.-F04d 29/00.

IMPROVEMENTS IN ROTARY SLIDING-VANE PUMPS AND MOTORS.

Applicant : SPERRY CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventor : ALBIN JOSEPH NIEMIEC.

Application No. 892/Cal/77 filed June 15, 1977.

Convention date June 2, 1977/(23371/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A rotary sliding vane pump or motor having a body comprising a stationary central cam ring having in the profile of its inner peripheral surface circular arcs of major and minor diameters alternately spaced along its circumference and interconnected by ramps, said body further comprising end covers and means forming inlet and outlet working fluid terminals connected respectively with ports adjacent the ramps, the pump also having a slotted rotorencircled by the cam ring and carrying radially slideable vanes to traverse the inner peripheral surface of the cam ring and a cheek plate interposed between one or each of the end covers and the rotor, the vanes, and the stationary cam ring the or each cheek plate having a wear face of low friction bearing material abutting the rotor, vanes and cam ring and having a relatively hard metal area of contact with the cam ring and for reducing wear between the or each cheek plate and the cam ring as the cam ring radially expands and contracts under intermittent pressure loads.

Comp. Specn. 8 Pages.

Drg. 2 Sheets.

CLASS 150F.

148593.

Int. Cl.-F161 21/04.

DEVICE FOR THE TENSILE LOCKING OF PIPE ELEMENTS.

Applicant : PONT-A-MOUSSON S.A., OF 91 AVENUE DE LA LIBERATION 54700 NANCY (FRANCE).

Inventor : GEORGES EUGENE BRAM.

Application No. 977/Cal/77 filed June 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

13 Claims.

A device for effecting a tensile locking of a coupling between pairs of pipe elements, namely an element having a male end and an element having a socket, comprising, an annular sealing element which is compressed solely radially between the elements, said elements being capable of having an angular deviation therebetween, said device being of the type having an independent locking of the seal and comprising a shoulder which is provided on the male end and disposed, in the assembled state of the coupling, between an inner radial flange at the entrance of the socket and the sealing element, and a split ring surrounding the male end between the flange of the socket and the shoulder of the male end and applied against said shoulder under the effect of spacing means disposed between the flange and the ring, wherein the flange of the socket comprises axial tapped passages arranged on the periphery of the flange and the

spacing means are constituted by screws which are engaged in the passages of the flange and bear against the ring on the side of the ring remote from the shoulder.

Comp. Specn. 15 Pages.

Drg. 2 Sheets.

CLASS 36A₄ & 181.

148594.

Int. Cl.-F04d 17/08.

IMPROVEMENTS IN CENTRIFUGAL PUMPS.

Applicant : SOCIETE INTERNATIONALE DE MACANIQUE INDUSTRIELLE S.A. 37 RUE NOTRE-DAME-LUXEMBOURG, (GRAND DUCHE DU LUXEMBOURG).

Inventor : JEAN MENAGER.

Application No. 978/Cal/77 filed June 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A centrifugal pump comprising a housing, a shaft rotatably mounted in a bore of the housing, a wheel fixed to a hub secured to the shaft and comprising a plurality of angularly distributed openings, a seal assembly comprising a counter-ring, a friction ring secured to a flexible member and resilient means for urging the friction ring into contact with the counter-ring, the counter-ring and flexible member being secured to respective connection members, of which one is fitted in a recess of the housing and comprises a radial thrust surface facing said openings of the wheel while the other is fixed to the hub and is made of elastomer material, further comprising a sleeve surrounding the shaft, said sleeve being secured to the hub at one end thereof and being provided at its other end with a radially enlarged abutment portion to retain said one connection member or the respective one of said counter-ring and said flexible member before its mounting inside said housing.

Comp. Specn. 13 Pages.

Drg. 4 Sheets.

CLASS 65B₄.

148595.

Int. Cl.-H01f 27/28.

METHOD OF MANUFACTURING TRANSFORMER WINDINGS AND WINDING MADE BY SAID METHOD.

Applicant : PROIZVODSTVENOE ODNEDINENIE "URALELEKTROTYAZHMASH", SVERDLOVSK, USSR.

Inventors : LJUDMILA MIKHAILOVNA PESTRYAEVA, VLADIMIR VASILIEVICH PAVLOV, FAUGAT ABULNA-GIMOVICH ABULNAGIMOV AND VALERY ZAKHAROVICH VINNIK.

Application No. 980/Cal/77 filed June 29, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of manufacturing a transformer winding made up of groups of coils, whereby the turns of winding being wound with conductors transposed in one of the two adjacent coils and whereby internal and outer crossovers being provided between the coils, the turns being wound in the following sequence of operations constituting a cycle of winding of turns per group of coils : (a) winding a prescribed number of turns in the first coil of one group with all the conductors concentrated in that coil, (b) dividing all the conductors into a first and second group, (c) bending the conductors of the first group and arranging them in the next coil, (d) making one turn of the conductors of the first and second groups positioned within the adjacent coils, (e) bending the conductors of the second group and concentrating the conductors of the first and second groups into a single coil (f) winding all the conductors of one coil into a number of turns smaller than the prescribed number by one turn, repeating operations (c), (c), (d), (e) n-1 times, where n is the number of coils per group, and repeating operation (f) n-2 times, (g) winding a prescribed number of turns in the last coil with all the conductors, repeating the cycle of winding of turns of group of coils a number of turns equal to the number of series connected groups of coils, within the winding.

Comp. Specn. 13 Pages.

Drg. 4 Sheets.

CLASS 37A & 40F.

148596.

Int. Cl.-B04c 7/00, B01j 9/00, B07b 4/00.

IMPROVEMENTS IN A PROCESS FOR SEPARATING FINELY DIVIDED FLUID CATALYST PARTICLES FROM GASIFORM HYDROCARBONS IN A CYCLONIC SEPARATION EQUIPMENT.

Applicant : MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, NEW YORK, 10017, UNITED STATES OF AMERICA.

Inventors : CONROY DONALD ANDERSON, KLAUS WILHELM SCHATZ AND PAUL W. SNYDER, JR.

Application No. 1146/Cal/77 filed July 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

In a process for separating finely divided fluid catalyst particles from gasiform hydrocarbons in a cyclonic separation equipment which process comprises, passing a suspension of hydrocarbons and catalyst upwardly through a riser conversion zone under elevated temperature in excess of 900°F and a residence time less than 15 seconds, passing the suspension from the riser conversion zone directly into a cyclonic separation zone wherein a separation is made between fluid catalyst particles and vaporous hydrocarbon products, an improvement comprises, passing the catalyst thus separated substantially immediately through an annular zone in contact with a stripping gas optionally steam and, passing stripped hydrocarbon products separated from said catalyst in said annular zone upwardly through an open end restricted passageway in open communication with a passageway for removing separated hydrocarbon vapors from said cyclonic separation zone.

Comp. Specn. 10 Pages.

Drg. 4 Sheets.

148597.

Int. Cl.-B65b 11/00, 17/00.

DEVICE FOR PACKING FLAT ARTICLES MAINLY BATTERY ELECTRODES.

Applicant & Inventor : IVAN ALEXANDROVICH KOLOSOV, ULITSA ASTRAKHANSKAYA, 118, KV. 54, SARATOV, USSR, (2) JURY EGOROVICH IVANYATOV, ULITSAM, ZATONSKAYA 21, SARATOV, USSR AND ANATOLY KUZMICH KHOROSHILOV, PROSPEKT ENTUZIASTOV, 26A, KV. 36, SARATOV, USSR.

Application No. 1358/Cal/77 filed September 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for packing flat articles, mainly battery electrodes with a separating material comprising a fixed bed carrying a reciprocating housing, the housing being reciprocated by a reciprocating toothed segment operated by a cam drive, the said housing carrying a grip opened and closed by a link mechanism operated by another cam drive, the said grip moving the article to be packed jointly with the covered separating material with the reciprocating movement of the housing; installed in line with said grip on said bed is a carriage linked kinematically with said housing for joint reciprocation of the both-but limited by means of the predetermined spaced stops, the carriage mounts a guide provided with a slot for accommodating the article to be packed, said slot being limited by a fixed stop at the side opposite the said grip, this stop ejecting the article with the backward movement of the carriage; an article feeding mechanism and a packing material feeding mechanism in the form of two reels installed on parallel axles.

Comp. Specn. 9 Pages.

Drg. 3 Sheets.

148598.

Int. Cl.-B65d 19/08.

PALLET CONSTRUCTION FOR SHIPPING AND STORAGE IN COMPACT FORM.

Applicant : EXTRADOS COMPANY LIMITED, OF 54 CARNFORTH ROAD, TORONTO, ONTARIO, CANADA.

Inventor : FERDINAND MICHAEL SVIRKLYS.

Application No. 1163/Cal/77 filed July 28, 1977.

Convention date July 28, 1976/(257, 959/76) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A pallet construction, comprising at least two spaced-apart substantially—a parallel longitudinally-extending aluminum members, a plurality of deck-forming aluminum members joined to and extending at least between the at least two longitudinally-extending members generally transverse thereto in spaced-apart relation, each of said longitudinally-extending members having a planar supporting surface supporting the deck-forming members, snap fit means adapted releasably to interconnect the longitudinally-extending members and the deck-forming members at each intersection thereof, said means comprising a first and second pair of spaced channels situated on the longitudinally extending member with the channels in each pair opening in opposite directions of extension of the longitudinally-extending member and channel-engaging members formed on each of the deck-forming members constructed to snap fit into the pairs of channels, and a stop located at each intersection preventing longitudinal movement of each of the deck-forming members and comprising two projections from the longitudinally-extending member engaging respective openings in the deck-forming member.

Comp. Specn. 10 Pages.

Drg. 1 Sheet. 148599.

CLASS 98-I & 180.

Int. Cl.-F24j 3/02.

A SOLAR COOKING DEVICE.

Applicant : VEREINIGTE METALLWERKE RANSFÖREN-BERNDORF AKTIENGESELLSCHAFT, OF 5282 BRAUNAU AM INN OBERÖSTERREICH, AUSTRIA.

Inventors : DR. GEORGE TURNHEIM AND FRANCE BERGER.

Application No. 1185/Cal/77 filed August 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A solar cooking device comprising a solar collector having a storage container at one end for storing the fluid heated by the said collector, said container being connected through a pipe to a cooker, said cooker being connected by a return pipe and circulation pipe to the storage container, a pump and a valve function as a controlling member for the flow of the heated fluid from the storage container through the pipes.

Comp. Specn. 6 Pages.

Drg. 1 Sheet.

CLASS 32F3(a).

148600.

Int. Cl. C07e 69/00, C07e 51/00.

A CATALYTIC AROMATIC CARBONATE PROCESS.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventor : JOHN EDWARD HALLGREEN.

Application No. 396/Cal/78 with provisional specification filed on April 10, 1978.

Application No. 1305/Cal/77 filed August 22, 1977. (Cognated).

Complete specification left on November 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

28 Claims.

A process for preparing an aromatic carbonate which comprises contacting, in the presence of a drying agent, a phenol, carbon monoxide a base, a Group VIIIB element selected from ruthenium, rhodium, palladium, osmium, iridium or platinum, and an oxidant other than and in addition to oxygen comprising an element, a compound or a complex having an

oxidation potential greater than that of the said selected Group VIIIB element in the presence or absence of a plating transfer agent, as herein described, said Group VIIIB element optionally being in a complex form with a carbonyl Group or a halide or a ligand as herein described.

Comp. Specn. 26 pages.

Drgs. 2 Sheets.

CLASS 71B & 203.

148601.

Int. Cl.-E02d 11/00.

APPARATUS FOR EXTRACTING SHEETING WALLS, SHEETING PLATES, FLOOR SHEETING AND LIKE SHEETING ELEMENTS USED IN TRENCH SHEETING.

Applicant : JOSEF KRINGS, OF HANS-BOECKLER-STR. 23, D-5138, HEINSBERG-OBERBRUCH, FEDERAL REPUBLIC OF GERMANY AND MRS. MAGDALENE BONNINGHAUS, BORN KREUSER, OF JAEGERALLEE 51, D4700 HAMM, FEDERAL REPUBLIC OF GERMANY.

Inventors : JOSEF KRINGS, MRS. MAGDALENE AND ROLF BONNINGHAUS.

Application No. 1409/Cal/77 filed September 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Apparatus for extracting sheeting walls, sheeting plates, floor sheeting and like sheeting elements used in trench sheeting, said apparatus comprising a tower-like housing, said housing including a supporting base portion and stabilizing means at the upper end of said housing, a hoisting traverse disposed exterior of said housing, at least one fixed guide pulley in an upper part of said housing, at least a single movable guide pulley in said housing below said fixed guide pulley, at least one extracting cable is entrained on said fixed and movable guide pulleys and is connected to said hoisting traverse, at least one device anchoring one end of said cable remote from said hoisting traverse, and an extensible fluid cylinder anchored to said housing and connected to said movable guide pulley to withdraw said cable over said fixed guide pulley into said housing and elevate said hoisting traverse.

Comp. Specn. 15 Pages.

Drg. 2 Sheets.

CLASS 23G.

148602.

Int. Cl.-B65d 85/10.

HINGE LID PACKAGE PARTICULARLY FOR CIGARETTES.

Applicant : H. F. & PH. F. REEMTSMA, PARKSTRASSE 51, 2000 HAMBURG 52, FEDERAL REPUBLIC OF GERMANY.

Inventors : DIPL. ING. HANS-JOACHIM FROHLING AND WERNER ROTHE.

Application No. 1551/Cal/77 filed October 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Hinge lid package for cigarettes which is constituted by a uniform blank having separated by crease lines and disposed in sequence, front bottom, back, lid back and lid panels, and having a lid front panel whereby corresponding to these panels and connected to them via crease lines, lateral panel flaps are provided of which the panel flaps located on the inside of the hinge lid package are reduced in their width in comparison with the external panel flaps and whereby the external panel flaps are of the full width of the side panel and are glued to the inner panel flap, characterized in that : (a) the lid front wall having external lid front wall flap is connected via a crease line to the lid panel and in that (b) the inner panel flaps are partially reduced in their width by cutting lines which extend parallel and/or obliquely to the crease lines and in that (c) serially disposed internal panel flaps are reduced in their width at least in accordance with the length of the back panel.

Comp. Specn. 13 Pages.

Drg. 6 Sheets.

CLASS 50 & 50E.
Int. Cl.-F25b 25/00.

148603.

A WET-DRY WATER COOLING TOWER.

Applicant : THE MARLEY COMPANY, 5800 FOXRIDGE DRIVE, MISSION, KANSAS 66202, UNITED STATES OF AMERICA.

Inventors : JAMES ROBERT HOUX, JR. RICHARD DUANE LANDON AND PAUL ALVIN LJNDAHL, JR.

Application No. 1575/Cal/77 filed November 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A wet-dry water cooling tower, comprising : a central evaporative water cooling section; a dry surface water cooling section; means for supplying hot water to be cooled to said dry section for flow therethrough; means supporting said dry section above said evaporative section and in at least partial surrounding relationship to said central evaporative section for serial flow of said water through said dry and evaporative sections; structure defining separate air discharge paths for air currents passing from said dry and evaporative sections for preventing mixing of the air from each section prior to discharge thereof from the tower; and first and second fan means respectively for pulling corresponding ambient-derived cooling air currents through said dry section and said evaporative section and along respective air discharge paths provided for each of the same for thermal interchange with the hot water passing through each of the sections to thereby produce hot moist discharge air to the atmosphere from the evaporative section and hot dry discharge air to the atmosphere from the dry section said path-defining structure and air-pulling means being cooperatively constructed and arranged for independent generally upright discharge of said hot moist air, at the central region of said tower, and for independent generally upright discharge of said hot dry air separately from the hot moist air and in spaced, substantial surrounding relationship to the latter for lessening characteristic low level deflection and spreading of the hot moist air caused by ambient wind currents.

Comp. Specn. 24 Pages.
CLASS 6A.

Drg. 3 Sheets.
148604.

Int. Cl.-B60c 23/00.

POST CURE TIRE INFLATOR.

Applicant : NRM CORPORATION OF 3200 FILCHRIST ROAD, P.O. BOX 6338, AKRON, OHIO 44312. U.S.A.

Inventor : JOSEPH MARION MARTIN.

Application No. 1629/Cal/77 filed November 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A post cure tire inflator comprising a pair of separable tire bead engaging rims, lock means to permit limited separation of said rims during inflation and to hold said rims thus separated during inflation, said lock means comprising a key projecting from one rim and a keyhole slot in the other, and means mechanically to preclude relative rotation between said key and slot except when said rims are adjacent each other.

Comp. Specn. 19 Pages.

Drg. 4 Sheets.

CLASS 29D.

148605.

Int. Cl.-G06f 1/00.

DIGITAL COMPUTER FOR STATISTICAL DATA PROCESSING.

Applicant : GOSUDARSTVENNOE SOJUZNOE KONSTRUKTORSKO-TEKHOLOGICHESKOE BIURO PO PROEKTIRUVANIU SCHETNYKH MASHIN, ULITSA B. ZELENINA, 24, LENINGRAD, USSR.

Inventors : EVGENY EVGENIEVICH VLADIMIROV, VLADIMIR GERASIMOVICH KORCHAGIN, JURY BORI.

SOVICH SADOMOV AND LEV MIKHAILOVICH KHOLODOV.

Application No. 1688/Cal/77 filed December 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A digital computer for statistical data processing, comprising : a random-number generator for producing a uniform pseudo-random number sequence, four stochastic data rounding units intended for linear conversion of a code into its probability and for stochastic rounding of numbers, and electrically connected to the random-number generator, in which multi-channel input of the fourth stochastic data rounding units are connected to respective input data lines, a shift register unit, three receiving registers, in which multi-channel inputs of the first two registers are electrically connected to multi-channel outputs of respective stochastic data rounding units, and a multi-channel input of the third receiving register is inter-connected with a multi-channel input of the first receiving register coupled to the third stochastic data rounding unit, and is connected to a multi-channel output of the shift register unit which is connected to its multi-channel input, to multi-channel outputs of the last two receiving registers, and to a multi-channel input of the fourth stochastic data rounding unit, a single-time step multiplier for stochastic multiplication of numbers, with inputs thereof connected, respectively, to outputs of the two last stochastic data rounding units which are connected to an output of the single-time step multiplier, a senior address digit register and a junior address digit register an output of the junior address digit register being connected to an input of the senior address digit register, a decoder with its multi-channel input connected to multi-channel outputs of the senior and junior address digit registers, a logical memory for accumulation and storage of data, adding numbers and summing up unity increments of numbers, in which multi-channel inputs are connected to a multi-channel output of the decoder, to an output of the single-time step multiplier, and to its own multi-channel output which is connected to the output lines, to multi-channel inputs of the first two stochastic data rounding units, and to a multi-channel inputs of the first receiving register, while an output is connected to an input of the junior address digit register, a read-only memory for storing harmonic functions, "correlation window" functions, logarithmic functions, correction factors and microinstructions, with a multi-channel output thereof connected to a multi-channel input of the logical memory, and a multi-channel input connected to a multi-channel output of the logical memory, a quantization step counter used to determine data intervals in quantization, whose multi-channel outputs are connected to multi-channel inputs of the stochastic data rounding units, a clock, with one of its multi-channel inputs and a multi-channel output connected to a multi-channel output and a multi-channel input of the read-only memory, while its other multi-channel input is connected to a multi-channel output of the random-number generator, and an output is connected to the inputs of the stochastic data rounding units, to the inputs of the senior and of junior address digit registers, to the input of the decoder, to the input of the random-number generator, to the inputs of the receiving registers, to the input of the logical memory, and to the inputs of the shift register unit, a distributor intended for distributing data depending on the operating modes of the special-purpose digital computer, in which inputs and multi-channel inputs are connected, respectively, to the outputs and the multi-channel outputs of the first two stochastic data rounding units, to the multi-channel output of the clock, to the multi-channel output of the senior address digit register and of the junior address digit register, and outputs are connected to the multi-channel inputs of the stochastic data rounding units, to the multi-channel inputs of the senior address digit register and of the junior address digit register, to the multi-channel input of the first receiving register, to the multi-channel input of the quantization step counter, and to the input of the logical memory.

Comp. Specn. 22 Pages.

Drg. 3 Sheets.

CLASS 15C & D.

148606.

Int. Cl.-F16c 19/12

FOOTSTEP BEARING AND METHOD FOR MANUFACTURING SUCH A BEARING.

Applicant : ULTRA CENTRIFUGE NEDERLAND N.V.,
OF SCHEVENINGSEWEG 44, THE HAGUE, THE
NETHERLANDS.

Inventors : WALTHERUS JOSEPHUS THOMAS HER-
MANUS LUIJTTEN AND FRANCOIS PAULUS VAN DEN
BROEK.

Application No. 1221/Cal/77 filed August 6, 1977.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

Footsteps bearing suitable for accomodating a footstep which terminates in a sphere, the bearing of which is formed by a semi-spherical bearing cup which together with the sphere defines a lubricant gap, characterized in that the semi-spherical bearing cup has at its equatorial plane, a spherical ring part that merges flush into an adjoining cylindrical portion.

Comp. Specn. 9 Pages.

Drg. 1 Sheet.

PATENTS SEALED

140947 147309 147321 147332 147362 147370 147401 147403
147428 147470 147483 147485 147501 147502 147503 147505
147506 147516 147517 147519 147551 147558 147568

PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

141450 (19-02-75). A new process for the production of cepham-compounds.
141452 (23-07-75) Process for the preparation of 9, 3", 4"-triacyl ester of the antibiotic S F-837 M-substance.
141496 (25-01-75) Method of producing 1-N-[L-(-)- α -hydroxy-Y-aminobutyryl] XK-b2-2.
141812 (06-07-74) Process for the preparation of hydroxylamine salt by reacting nitrile oxide with hydrogen.
141819 (07-07-75) Method for preparing amine epichlorohydrin polymer.
141841 (06-11-75) A process for the synthesis of substituted 2-naphthalimide isothiocyanates.
141927 (29-07-75) A process for the preparation of 17-amino-4-azandro-stane analogues.

RENEWAL FEES PAID

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 3. No. 149883. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149884. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149885. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149886. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149887. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149888. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149889. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149890. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149891. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

Class 3. No. 149892. Bengal Fancy Products of 12, Bibi Bagan Lane, Calcutta-700015, West Bengal, a proprietary firm. "Mirror". September 9, 1980.

S. VEDARAMAN,
Controller-General of Patents, Designs
and Trade Marks.